



UNIVERSITY OF MISSOURI EXTENSION

Worth County

2018 ANNUAL REPORT



**OFFICE OF THE VICE CHANCELLOR
FOR EXTENSION AND ENGAGEMENT**

108 Whitten Hall
University of Missouri
Columbia, MO 65211

PHONE 573-882-2394

EMAIL email@missouri.edu

WEB extension.missouri.edu

Dear county commissioners and friends of MU Extension,

The past year has been extremely productive for University of Missouri Extension and Engagement. With the launch of our county engagement specialist model, which is the centerpiece of a long-overdue restructuring, we are better positioned to serve Missourians.

Most county engagement specialists are now in place and the formal training for this new position rolled out this fall. By January 2019, we expect our CESs to be well on their way to success. I see a great future for them and the communities they serve.

At the MU campus, we have been busy putting in place online resources that will benefit Missouri communities. In particular, the All Things Missouri web portal is an exciting tool that can help community leaders search for valuable data. I encourage you to check it out at <https://allthingsmissouri.org/>.

When 2018 began, we set out to meet with every county's administrative body. This effort provided valuable insight and helped strengthen relationships; and as a result, we will engage in a similar effort in 2019. Meeting stakeholders and deepening county relationships is something we truly enjoy.

As you read your county's annual MU Extension report, I am confident that you will be pleased with the results accomplished through county-based University of Missouri faculty. Our faculty take pride in their efforts to respond to local extension council input.

At the state level, we have committed to a goal of doubling the economic impact of MU Extension over the next decade. This goal of \$2 billion in public value is ambitious — but, by meeting this challenge, we will help a great many Missourians.

Your support of MU Extension and our efforts in your community are greatly appreciated. As always, I welcome your input on how the University of Missouri can better serve your community and its people.

Sincerely,

A handwritten signature in black ink that reads 'Marshall Stewart'.

Marshall Stewart



MU Extension in Worth County

11 W. 4th St., Courthouse
P.O. Box 219
Grant City, MO 64456
PHONE 660-564-3363
FAX: 660-564-3364
EMAIL worthco@missouri.edu

Dear Worth County Commissioners and Residents,

We are pleased to present the 2018 Annual Report for the University Missouri Extension in Worth County.

This report is a brief overview of programming conducted by extension specialist working in your county, and is divided into the three grand challenge areas addressed by MU Extension: educational excellence, healthy futures, and economic opportunity. The information provided in these sections detail relevant programs presented and their subsequent impacts throughout Worth County. Additionally, we have shared a few highlights from events, awards and volunteer activities from the past year.

The Worth County Extension Council would like to thank everyone that has contributed to our success in 2018. Programming in Worth County would not be possible without the financial support received from the Worth County Commission, in partnership with the University of Missouri, Lincoln University, and the U.S. Department of Agriculture. Further, countless individual volunteers, groups, agencies, organizations, and businesses provide support to all Extension efforts.

In 2019, MU Extension will be fully transitioned to the County Engagement Specialist model, and we encourage you to visit, call, or email our office and get to know our faculty and staff better. Our intentions for the year are to be fully immersed in your communities, and we look forward working alongside you to enrich the lives of people living and working in Worth County.

Sincerely,

David Hunt

Jackie Spainhower

David Hunt
Worth County Council Chair

Jackie Spainhower
County Engagement Specialist

University of Missouri, Lincoln University, U.S. Department of Agriculture and Local Extension Councils
Cooperating

EQUAL OPPORTUNITY/ADA INSTITUTIONS

Worth County Council Members

David Hunt, MFA, Chair
David Seat, Vice Chair
Jessica Davidson, Secretary
Julie Tracy, Farm Bureau, Treasurer
Gene Auten, City of Grant City
Linda Brown
Chevy Davidson
Staci Downing

Adam Downing
Bobbi Gladstone
Jared Harding
Mary Hunt
Tiffany Owens
Tyler Paxson, County Commission
Sherri Runde
Justin Seipel

Educational Excellence

Worth County 4-H

Worth County 4-H serves 39 youths through three organized clubs, one SPIN club, camps and community activities. The county 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking, and working with others. 4-H youths learn by doing, under the guidance of five adult volunteers who teach projects ranging from computer science and arts to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips.

Volunteers are the core of the 4-H program. They help to create, support and deliver educational programs and experiences. Missouri 4-H volunteers report contributing on average 100 hours per year to the program, valuing their time at \$24.14 per hour.



Kids in the Kitchen SPIN Club

In 2018, Worth County 4-H sponsored cooking classes for youth. Over the course of three weeks, participants learned about nutrition and kitchen safety while honing their cooking skills. At each weekly class, meals were prepared with supervision and guidance by MU Extension Nutrition faculty and staff.



Worth County Livestock Show, 2018

NW 4-H Regional Float Trip

This year, two Worth County 4-H members, Daniel Craven and Wyatt Craven, join 22 other members from across northwest Missouri to participate in the annual summer float trip. On this trip, members were in charge of helping shop for supplies and putting together at least one meal for the group. The kids got to enjoy and explore the great outdoors in the grand Ozark country of Missouri on this great adventure!

NW 4-H Regional Leadership Retreat

Worth County 4-H member, Justina Wimer, attended a special leadership retreat with other 4-H club members from across the northwest region. Participants learned the qualities and characteristics of good leaders. They also worked together to help plan educational sessions for our annual regional 4-H energizer.



Healthy Futures

2018 was a transition year for much of MU Extension. Sarah Wood, a Gentry County native, moved offices from Buchanan to Gentry County in September. She spent much of the fall getting settled in her County Engagement Specialists role for the quad and planning for the future. She looks forward to serving the counties of Gentry, Worth, Harrison, and Daviess.

Sarah earned certification for three new programs this fall. Tai Chi for Arthritis and Fall Prevention, Chronic Disease Self-Management, and Diabetes Self-Management are new programs she is looking forward to offering in 2019.

FNEP Programming

University of Missouri Extension's Family Nutrition Program (FNP) reached 177 participants directly and 308 indirectly with nutrition education in Worth County during 2018 a significant percentage of which were low income. FNP provides information on nutrition, food safety, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies.

Youth from Pre-school to 8th grade learned through kid-friendly, hands-on lessons and activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults includes nutrition, food safety, and physical activity, as well as food resource management.

Nutrition Program Associates (NPA's) go into schools and other grant eligible locations and interact with community members to help them make healthier choices and build healthy habits. They see the difference the program makes in people's lives.



The Family Nutrition Program (FNP) brought \$9,449,699.00 federal funds to the state of Missouri. These funds were used to provide nutrition education

to 735,541 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 2,932,390 educational contacts. This year we had 2,242,249 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs, food pantries and the Show Me Nutrition help line. 485 of these participants reside in Worth County.



Sue Robison, Nutrition Program Associate, works with a group of kindergarteners learning about germs, how germs makes us sick and what we need to do to get rid of germs.

Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase their physical activity and in general make healthier food choices. Those who practice healthy eating and activity behaviors are more likely to enjoy a high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.

Nutrition Program Success

"I don't like rice," declared one of our Kids in the Kitchen participants in Worth County. We had just made the recipe Rice Bowl Southwestern Style, a recipe from that curriculum. I encouraged him to try it, just a small spoonful. A few minutes later I heard this request from the same child, "May I please have some more?" This was very rewarding because not only did the child learn cooking techniques in order to make this recipe, but he also tried a new food. He discovered that a food he didn't think he liked, was delicious fixed in a way he had never had before.

Economic Opportunity

Drought Meeting for Livestock Producers

2018 was difficult for area beef producers. A long, cold winter left hay supplies short and pastures late to come on. The next events to deal with were historic drought, pasture and water shortages and drastically reduced hay production. MU Extension worked to assist producers in a variety of ways in order to reduce expenses and help them stay in business. Meetings were held in conjunction with partner agencies (FSA and NRCS) to make producers aware of programs available to assist with forage and water shortages. At the meeting held in Albany on July, 25, 2018, over 100 beef producers were in attendance and were not only made aware of governmental assistance programs but were also updated on utilizing drought stressed crops as silage and forage options.

In addition, producers were assisted with nitrate testing of drought stressed corn and sorghum-sudan crops to make sure that they were safe to feed as either green chop or silage. Presentations and individual consultations were given on the use of low quality CRP hay and baled corn stalks in beef feeding programs. Media outlets including radio, news releases and social media were used to reach producers with the importance of forage and nitrate testing these feedstuffs. Utilizing the BRANDs ration balancing program, least cost diets have been formulated using drought stressed silage for beef producers in every one of the counties in the northwest Missouri quad grouping (Gentry, Worth, Harrison, and Daviess) and in most cases MU Extension was able to reduce daily feeding costs by up to one-third.

Missouri's Complex Fence Law



This year, three Worth County residents attended a program on Missouri's Complex Fence Law instructed by Joe Koenen, MU Faculty in Agriculture and Environment. The course was taught via live stream and held at the

Bethany Technical School. Mr. Koenen has been providing helpful information about Missouri's fence law for over 25 years, and was available to answer landowners questions via remote link.



Dr. Eric Bailey, MU Extension State Beef Nutrition Specialist, visits with area beef producers at the annual Beef Producers Seminar held on November 8, 2018, in Stanberry. The focus of the 2018 meeting was on feeding silage. Many producers have not fed silage in years or perhaps ever in their lifetime. Because of this, MU Extension made a concerted effort to highlight the proper way to manage and feed silage that was harvested as a result of drought conditions.

Ag Lenders

Agricultural lenders attended the annual Ag Lenders meetings in Maryville and St. Joe. Forty-seven lenders and ag professionals attended the meetings. Agricultural commodity and livestock market trends and forecasts were discussed. Tax law changes, current farmland values, and rental rates were also presented to attendees. At the meetings, lenders indicated that they finance \$488 million worth of agriculture production in northwest Missouri. The entire northwest Missouri region benefits from educated lenders. Agricultural producers need knowledgeable professionals who know what market conditions are and have the resources to make sound lending decisions.

Private Pesticide Applicator Training—Annual Ag Update

Worth County residents attended the annual Private Pesticide Applicator Training in Grant City on February 15. Additional topics covered at the training included providing information to help producers reduce input costs while maintaining yields; agriculture weather resources; and Dicamba liability and insurance.

Worth County Highlights

Missouri Century Farms



Ronnie Wilkinson, Cameron, MO was presented with his Century Farm designation on September 26 by Worth County Extension Council representative Julie Tracy. Mr. Wilkinson had 240 qualifying acres which were acquired in 1908 by his grandfather George Conn.



Vonda Runde, Debora Sherer, and Lola Bean were presented with his Century Farm designation on October 29 by the Worth County Extension Council. The sisters had 197 qualifying acres which were acquired in 1897 by their great-great grandfather Martin Barkman.

Pictured: (standing) Mary Kay Hunt, Gene Auten, Vonda Runde, Lola Bean, Debora Sherer, Julie Tracy, Linda Brown, Chevy Davidson, (seated) Sadie Runde, Jessica Davidson, Sherri Runde

Missouri State Fair Family

David and Meggan Brown and family of Grant City were among the families honored during annual Missouri Farm Family Day, August 13 at the State Fair.

The Brown family was selected as the Worth County Missouri Farm Family by MU Extension in Worth County and the local Farm Bureau. The family includes David, Meggan, Seth and Dreven.

Each year, the fair sets aside a day to recognize farm families from across the state that are active in their communities, involved in agriculture, and/or participate in local outreach and extension programs such as 4-H or FFA.

The annual event is sponsored by five partner agencies: Missouri Farm Bureau, Missouri Department of Agriculture, the Missouri State Fair Commissioners, the MU College of Agriculture, Food and Natural Resources, and MU Extension and Engagement.



Financial Report

2018 Financial Statement

Income		Expenses	
County Appropriations	\$6,600.00	Personnel/contract	9,218.83
Rent	1,800.00	Travel	729.57
Resale Items/Soil Tests	103.00	Postage	219.75
Postage/Internet	427.18	Phone	952.48
Investment Income	<u>330.77</u>	Advertising	354.50
Total Income	\$9,260.95	Publishing/Printing	192.00
		Other Center Operations	250.00
		Soil Tests	<u>50.00</u>
		Total Expenses	\$11,967.13
		NET INCOME	<u>\$-2,706.18**</u>

Federal and state funds provide salaries and benefits for professional staff assigned to the county, expenses for professional development, official mail and cost-sharing on computer technology. The University also provides educational materials and faculty support for extension programs.

**The Worth County Extension Council has a savings account (Expendable Gift Account) on deposit at University of Missouri Extension, Columbia, that is used to pay balance deficits. The EGA Account has a December 31, 2018, cash value of \$34,987.40.

Faculty & Staff Serving Worth County

Worth County Office
11 W 4th St., Courthouse
PO Box 219
Grant City, MO 64456
660-564-3363

Jackie Spainhower—County Engagement Specialist in Agriculture & Environment

Cody Green—4-H Youth Program Associate

Miranda Lyle—Office Manager & Bookkeeper

Also Serving Worth County

Timothy Baker—Field Specialist in Horticulture
 660-663-3232

James Crawford—Field Specialist in Agricultural Engineering
 660-744-6231

Penny Crawford—Regional Coordinator Food and Nutrition Education Program (FNP)
 816-632-7009

Shawn Deering—Field Specialist in Livestock
 660-726-5610

Meghaan Binkley-Hopper—Business Development
 816-844-7857

Joe Lear—Regional Director

Becky Simpson—County Engagement Specialist in 4-H Youth Development
 660-663-3232

Katie Pemberton—Field Specialist in Human Development
 660-279-1691

Sue Robison—Nutrition Program Associate
 660-582-8101

Sarah Wood—County Engagement Specialist in Nutrition & Health Education
 660-726-5610

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